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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/809,213	03/16/2001	Barry Bronson	10006195	5716

7590 08/26/2003

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

PATEL, NITIN

ART UNIT	PAPER NUMBER
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2673

DATE MAILED: 08/26/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

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# Office Action Summary

Application No.

09/809,213

Applicant(s)

BRONSON, BARRY

Examiner

Nitin Patel

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 04 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 08/04/2003 has been entered.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-228 are rejected under 35 U.S.C. 102(e) as being anticipated by Morishima et al., (U.S. patent no. 5,589,956).

As per claims 1,10,11-13,16,20,21,25 Morishima shows a method of displaying images using an image display device having two displays (In Fig.28A), each display being arranged in the image display device so as to be capable of presenting an image to an eye of a user (In fig.28B and I col.17 lines 23-32): dividing image data into a first portion having a first reduced data set defining the entire image (element 74 In fig.19 and in col.13 lines 42-54) and a second portion having a second reduced data set defining the entire image (In Fig.19 element 73 and In Col.13 lines 42-54 and In Col.9 lines 58 67 to Col.10 lines 1-10), the first portion differing from the second portion (As shown In fig.19); generating a right display signal using the first portion of the image signal data; generating a left display signal using the second portion of the image signal data; transmitting the right display signal to a right one of the displays; transmitting the left display signal a left one of the displays; displaying a right image on the right display from the right display signal and displaying a left image on the left display from the left display signal, substantially simultaneously with the displaying of the right image(In Fig.19 element 82 and In Col.20-45).

As per claims 2,17,22-24,26-28 Morishima shows the image signal data includes data capable of describing a source image arrange able into an array of columns and rows wherein a selecting a right set of image data values from the image signal data corresponding to selected points on the array of the source image, the right set of image data values being used to form the first portion of the image signal data and selecting a left set of image data values from the image signal data corresponding to selected points on the array of the source image , the left set of image data values differing from

the right set of image data values and being used to form the second portion of the image signal data(In fig.19).

As per claim 3, Morishima shows the step of selecting a left set of image data values includes the step of selecting image data values of which none are included in the right set of image data values (In Fig.19).

As per claim 4, Morishima shows the step of dividing image signal data comprises: transmitting the right and left sets of image data values to an address calculator (element 85 In Fig.19).

As per claims 5,6 Morishima shows the step of generating a right display signal having formatted the right set of image data values and left side of image data (In Fig.19).

As per claims 7,15 Morishima shows the step of displaying a right image on the right display comprises the step of displaying a right image of  $n*m$  resolution and the step of displaying a left image on the left display comprises the step of displaying a left image of  $n*m$  resolution, wherein  $n$  and  $m$  are integers (In Col.12 lines 20-42).

As per claims 8,9,14,18, Morishima shows sampling a source image signal to produce the image signal data (In Fig.16 and In Col.13 lines 42-67).

As per claim 19, Morishima shows a digital storage medium for image source 9in col.13 lines 43-45).

### ***Response to Arguments***

3. Applicant's arguments filed 08/04/2003 have been fully considered but they are not persuasive. Applicant's argument that the prior art does not show an image not

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having two portion of an image as a first and a second image data, Examiner would like to point that In figure 3 reference shows only the first half (left side) of the eye portion but in fact it does have a right side of the view which is shown (In Fig.28b) in a full enlargement view. Examiner would like to point out that in previous office action examiner did not cited fig.3 in office action a directing towards (figures 16-28).

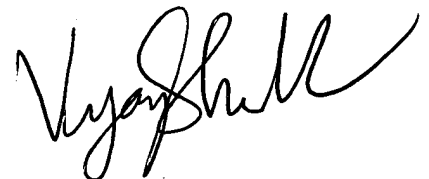
***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 703-308-7024. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H Shalwala can be reached on 703-305-4938. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-9052 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9618.

NP  
August 22, 2003



**VIJAY SHANKAR  
PRIMARY EXAMINER**